

# Apparatus for Carrying Golf Clubs

## Field of Invention

The present invention relates to a club-carrying apparatus.

## Background of Invention

Referring to Figure 5, a golf club 60 is inserted in a conventional club-carrying apparatus 62. The club-carrying apparatus 62 includes a bag 64 and a frame 66 attached to an upper portion of the bag 64.

Referring to Figure 6, the frame 66 includes an annular element 68, a sternum-like element 70 and three rib-like elements 72 (only two are shown). The annular element 68 provides rigidity to the bag 64. The sternum-like element 68 and the rib-like elements 70 separate golf clubs such as the golf club 60. The sternum-like element 68 is divided into three sections by means of the rib-like elements 70. A partition 74 includes an upper portion wrapping and holding to each section of the sternum-like element 70 and a lower portion attached to the bottom of the bag 64 via sewing, adhesion or any other proper means. A partition 76 includes an upper portion wrapping and holding to each rib-like element 72 and a lower portion attached to the bottom of the bag 64 via sewing, adhesion or any other proper means. However, the golf clubs 60 easily wear out the upper portions of the partitions 74 and 76. It is difficult to replace such a used partition with a new one.

The present invention is therefore intended to obviate or at least alleviate the problems encountered in prior art.

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2 **Summary of Invention**

3 The primary objective of the present invention is to provide a  
4 club-carrying apparatus with a bag, a frame attached to the bag and  
5 partitions attached to and protected by means of the frame.

6

7 According to the present invention, a club-carrying apparatus includes a  
8 bag and a frame. The frame includes an annular element, a sternum-like  
9 element and at least one rib-like element. The annular element is  
10 attached to an upper portion of the bag. The sternum-like element  
11 extends from the annular element and includes a bone and a skin covering  
12 the bone. The rib-like element intersects the sternum-like element and  
13 includes a bone and a skin covering the bone. Each of two partitions  
14 includes a lower portion attached to the bag and an upper portion attached  
15 to the bone of the sternum-like element. Another partition includes a  
16 lower portion attached to the bag and an upper portion attached to the  
17 bone of the rib-like element.

18

19 Other objects, advantages and novel features of the invention will become  
20 more apparent from the following detailed description in conjunction  
21 with the attached drawings.

22

23 **Brief Description of Drawings**

24 The present invention will be described via detailed illustration of the  
25 preferred embodiment referring to the drawings.

26

1 Figure 1 is a perspective view of a golf club inserted in a club-carrying  
2 apparatus according to the preferred embodiment of the present invention.

3

4 Figure 2 is a perspective view of the club-carrying apparatus of Figure 1.

5

6 Figure 3 is an exploded view of the club-carrying apparatus of Figure 2.

7

8 Figure 4 is a cut-away partial view of the club-carrying apparatus of  
9 Figure 2.

10

11 Figure 5 is a perspective view of a golf club inserted in a conventional  
12 club-carrying apparatus.

13

14 Figure 6 is a cut-away partial view of the club-carrying apparatus of  
15 Figure 5.

16

### 17 **Detailed Description of Preferred Embodiment**

18 Referring to Figure 1, a golf club 60 is put in a club-carrying apparatus 10  
19 according to the preferred embodiment of the present invention.

20

21 Referring to Figure 2, the club-carrying apparatus 10 includes a bag 12  
22 and a frame 14 attached to an upper portion of the bag 12. The frame 14  
23 includes an annular element 16, a sternum-like element 18 and two  
24 rib-like elements 20 intersecting the sternum-like element 18. The  
25 sternum-like element 18 is divided into three sections by means of the  
26 rib-like elements 20. The annular element 16 provides rigidity to the

1 bag 12. The sternum-like element 18 and the rib-like elements 20  
2 separate golf clubs such as the golf club 60.

3  
4 To separate the golf clubs, three partitions 22 and two partitions 24 are  
5 used. Each of the partitions 22 includes a lower portion attached to a  
6 bottom of the bag 12 and an upper portion attached to one of the sections  
7 of the sternum-like element 18. Each of the partitions 24 includes a  
8 lower portion attached to the bottom of the bag 12 and an upper portion  
9 attached to one of the rib-like elements 20. The lower portions of the  
10 partitions 22 and 24 can be attached to the bottom of the bag 12 by means  
11 of sewing or adhesion or in any other proper manners.

12  
13 Referring to Figure 3, the sternum-like element 18 and the rib-like  
14 elements 20 all define a plurality of slots 26. The sternum-like element  
15 18 defines three slots 26. Each of the rib-like elements 20 defines two  
16 slots 26.

17  
18 Referring to Figure 4, each of the partitions 22 includes an upper portion  
19 inserted through one of the slots 26 of the sternum-like element 18. The  
20 upper portion of each the partition 22 is attached to another portion of that  
21 partition 22 via hook-and-loop means 28.

22  
23 The upper portions of the partitions 22 and 24 can of course be attached  
24 to the sternum-like element 18 and the rib-like elements 20 by means of  
25 sewing or adhesion or in any other proper manners.

26

1 Referring to Figure 3, each of the partitions 24 includes an upper portion  
2 from which two strips 30 extend. The strips 30 of each partition 24 are  
3 separated from each other by means of a slit 32. Each strip 30 of each  
4 partition 24 is inserted through one slot 26 of one rib-like element 20 and  
5 attached to another portion of that partition 24 via hook-and-loop means  
6 28. The slit 32 of each partition 24 encompasses the sternum-like  
7 element 18.

8  
9 Although not shown, each partition 24 with two strips 30 can be replaced  
10 with two narrower partitions with only one strip.

11

12 Referring to Figure 4, the sternum-like element 18 includes a bone 34 and  
13 a skin 36 mounted on the bone 34. The bone 34 is made of a proper  
14 rigid material. The skin 36 is made of a proper soft material. The bone  
15 34 includes a lower portion defining the slots 26. The bone 34 includes  
16 an upper portion that is enlarged for contact with the golf clubs. Thus, it  
17 is ensured that the upper portions of the partitions 22 will not be worn out  
18 by means of the golf clubs. The bone 34 and the skin 36 may be molded  
19 as one piece or separately molded and adhered to each other.

20

21 Although not shown, the rib-like elements 20 all include a configuration  
22 similar to that of the sternum-like element 18.

23

24 The present invention has been described via detailed illustration of the  
25 preferred embodiment. Those skilled in the art can derive variations  
26 from the preferred embodiment without departing from the scope of the

1 present invention. Therefore, the preferred embodiment shall not limit  
2 the scope of the present invention defined in the claims.

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